

Air Blown Fiber on Pan NTM 502+

Ribbonet® system

Application

Ericsson's Ribbonet® Enhanced Performance Fiber Unit (EPFU) will minimize initial investment and at the same time provide a future proof network that is easy to expand, upgrade and maintain. The main application areas are for fiber access and metropolitan networks.

Ribbonet® fiber is optimized for installation into micro/multi-ducts by blowing. For optimum blowing performance, use the Ericsson installation tool LTT 1792000.

The EPFU is delivered on plastic pans with lengths from 2000 to 6000 m.

Features

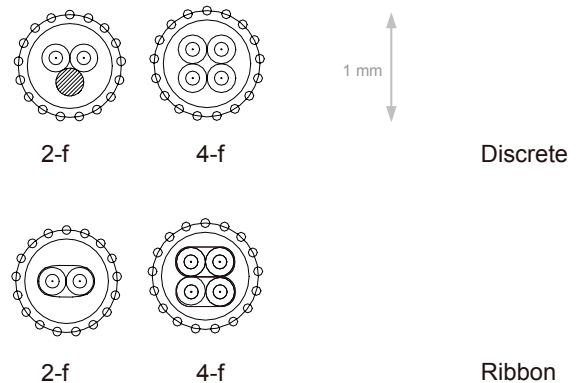
- 1, 2 and 4 fiber options*
- Discrete fibers or Ribbon
- State of the art blowing performance
- Several single-mode and multimode options
- Adapted for the Ribbonet® blowing tool

* 8-fiber is available for delivery on polystyrene reels, see separate product information



Fiber types

The air blown fiber is available with single mode G652D or multimode fiber types. The fibers are bundled in ribbon structure, alternatively as discrete fibers. The ribbon configuration facilitates handling and minimizes installation time when ribbon splicing is used.



Cross sectional drawings on EPFU fiber bundle types

Typical data¹⁾

Temperature range
 Operation -30 to +60°C
 Transport and storage -30 to +60°C
 Installation -20 to +50°C

Fiber unit type 2-f 4-f
 Diameter (mm) 1.0 1.0
 Weight (g/m) 0.8 0.9

Bending radius

Temporarily unloaded ≥ 20 mm (2-, 4-f units)
 Permanently (one turn)
 and during installation ≥ 25 mm (2-, 4-f units)

Color, fiber unit (EPFU)

Single mode yellow
 Multimode 50/125µm turquoise

Crush resistance ≤ 100N/100 mm

¹⁾Mechanical, environmental and installation tests in accordance with draft IEC 60794-5-20. Fiber parameters and tests according to the IEC series 60793-2 and 60793-1

Ordering information

The ordering number system is as follows:

NTM 502 ABCD/XXXX

where

AB type of fiber unit
XXXX length of fiber unit in meter

The table below shows the different standard options of air blown fiber. Other fiber and connector options are available on request.

Ordering example

Singlemode, 4-fiber, ribbon 4000 m
 Product number: NTM 502 0800/4000

Air Blown Fiber on Pan		NTM 502 AB00/XXXX	
Fiber type	D=Discrete R=Ribbon	Product number (NTM 502 AB00)	Fiber length (m) (XXXX)
		Single mode G652d, 2-fiber	D
Single mode G652d, 4-fiber	D	NTM 502 4300	2000, 4000, 6000
Single mode G652d, 2-fiber	R	NTM 502 0700	2000, 4000, 6000
Single mode G652d, 4-fiber	R	NTM 502 0800	2000, 4000, 6000
Multimode 50/125µm OM2, 2-fiber	D	NTM 502 4900	2000, 4000, 6000
Multimode 50/125µm OM2, 4-fiber	D	NTM 502 5100	2000, 4000, 6000
Multimode 50/125µm OM2, 2-fiber	R	NTM 502 1600	2000, 4000, 6000
Multimode 50/125µm OM2, 4-fiber	R	NTM 502 1700	2000, 4000, 6000
Multimode 50/125µm OM3, 2-fiber	R	NTM 502 3600	2000, 4000, 6000
Multimode 50/125µm OM3, 4-fiber	R	NTM 502 2900	2000, 4000, 6000
<i>Hybrid</i> Single mode G652d, 2-fiber + Multimode 50/125µm OM2, 2-fiber	R	NTM 502 3200	2000, 4000, 6000